

PCT10

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/018,561

DATE: 01/14/2002
 TIME: 11:52:34

Input Set : A:\seqlist.txt
 Output Set: N:\CRF3\01142002\J018561.raw

ENTERED

4 <110> APPLICANT: Thonnard, Joelle
 6 <120> TITLE OF INVENTION: Novel Compounds
 9 <130> FILE REFERENCE: BM45396
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/018,561
 C--> 11 <141> CURRENT FILING DATE: 2001-12-13

11 <150> PRIOR APPLICATION NUMBER: 9915044.3
 12 <151> PRIOR FILING DATE: 1999-06-25
 14 <150> PRIOR APPLICATION NUMBER: PCT/EP00/05851
 15 <151> PRIOR FILING DATE: 2000-06-23
 17 <160> NUMBER OF SEQ ID NOS: 6
 19 <170> SOFTWARE: FastSEQ for Windows Version 4.0

21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 675
 23 <212> TYPE: DNA
 24 <213> ORGANISM: Moraxella catarrhalis
 26 <400> SEQUENCE: 1

27	atgaaaatta	aagcattggg	tgttgtgctg	ttggcatcaa	gtatggcttt	ggcaggttgt	60
28	gcaaatacag	gcacaactgg	caatggcaca	ggatttgggtg	gtgctaattgt	caataaggcg	120
29	gtgattgggg	ctgtggcagg	tgcacttggc	ggtaactgcc	tttcaaaagc	aactgggtggc	180
30	gaaaaaacag	gtcgtgatgc	cattttgggg	gcggcagttg	gtgcagcagc	aggggcgtat	240
31	atggagcgtc	aagcaaagca	gattgagcaa	caaatgcaag	gaacgggcgt	gactgtaacc	300
32	cacgataccg	acacgggtaa	tattaatcta	actatgccag	gtaatatattac	ttttgtcat	360
33	gatgacgata	ctttaaacag	tgcatttttg	ggtcgtttta	accagctggc	taatacgatg	420
34	aatcagtatc	atgaaacaac	gattgtcatt	gtaggacata	cagactcaac	gggtcaagcg	480
35	gcttataatc	aagagctgtc	tgagcgtcga	gcgggattcag	tgcgttatta	cttgattaat	540
36	caaggcgttg	atccatatacg	tattcagaca	gtgggggtatg	gtatgcgaca	accgattgca	600
37	tcgaatgcaa	ccgaagcagg	tcgtgctcaa	aatcgccgtg	ttgagctgat	gattttagca	660
38	ccgcagggta	tgtaa					675

40 <210> SEQ ID NO: 2
 41 <211> LENGTH: 224
 42 <212> TYPE: PRT
 43 <213> ORGANISM: Moraxella catarrhalis

45 <400> SEQUENCE: 2
 46 Met Lys Ile Lys Ala Leu Gly Val Val Leu Leu Ala Ser Ser Met Ala
 47 1 5 10 15
 48 Leu Ala Gly Cys Ala Asn Thr Gly Thr Thr Gly Asn Gly Thr Gly Phe
 49 20 25 30
 50 Gly Gly Ala Asn Val Asn Lys Ala Val Ile Gly Ala Val Ala Gly Ala
 51 35 40 45
 52 Leu Gly Gly Thr Ala Ile Ser Lys Ala Thr Gly Gly Glu Lys Thr Gly
 53 50 55 60
 54 Arg Asp Ala Ile Leu Gly Ala Ala Val Gly Ala Ala Gly Ala Tyr
 55 65 70 75 80
 56 Met Glu Arg Gln Ala Lys Gln Ile Glu Gln Gln Met Gln Gly Thr Gly
 57 85 90 95
 58 Val Thr Val Thr His Asp Thr Asp Thr Gly Asn Ile Asn Leu Thr Met
 59 100 105 110

RAW SEQUENCE LISTING

DATE: 01/14/2002

PATENT APPLICATION: US/10/018,561

TIME: 11:52:34

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\01142002\J018561.raw

```

60 Pro Gly Asn Ile Thr Phe Ala His Asp Asp Asp Thr Leu Asn Ser Ala
61      115                      120                      125
62 Phe Leu Gly Arg Leu Asn Gln Leu Ala Asn Thr Met Asn Gln Tyr His
63      130                      135                      140
64 Glu Thr Thr Ile Val Ile Val Gly His Thr Asp Ser Thr Gly Gln Ala
65 145                      150                      155                      160
66 Ala Tyr Asn Gln Glu Leu Ser Glu Arg Arg Ala Asp Ser Val Arg Tyr
67      165                      170                      175
68 Tyr Leu Ile Asn Gln Gly Val Asp Pro Tyr Arg Ile Gln Thr Val Gly
69      180                      185                      190
70 Tyr Gly Met Arg Gln Pro Ile Ala Ser Asn Ala Thr Glu Ala Gly Arg
71      195                      200                      205
72 Ala Gln Asn Arg Arg Val Glu Leu Met Ile Leu Ala Pro Gln Gly Met
73      210                      215                      220
75 <210> SEQ ID NO: 3
76 <211> LENGTH: 672
77 <212> TYPE: DNA
78 <213> ORGANISM: Moraxella catarrhalis
80 <400> SEQUENCE: 3
81 atgaaaatta aagcattggg tgttggtgctg ttggcatcaa gtatggcttt ggcaggttgt      60
82 gcaaatacag gcacaactgg caatggcaca ggatttggtg gtgctaattg caataaggcg      120
83 gtgattgggg ctgtggcagg tgcacttggc ggtactgcca tttcaaaagc aactggtggc      180
84 gaaaaaacag gtcgtgatgc cattttgggg ggcgcagttg gtgcagcagc aggggcgtat      240
85 atggagcgtc aagcaaagca gattgagcaa caaatgcaag gaacgggcgt gactgtaacc      300
86 cacgataccg acacgggtaa tattaatcta actatgccag gtaatattac ttttgctcat      360
87 gatgacgata ctttaaacag tgcatttttg ggtcgtttta accagctggc taatacgatg      420
88 aatcagtatc atgaaacaac gattgtcatt gtaggacata cagactcaac gggtaagcg      480
89 gcttataatc aagagctgtc tgagcgtcga gcggattcag tgcgttatta cttgattaat      540
90 caaggcgttg atccatatcg tattcagaca gtggggtatg gtatgcgaca accgattgca      600
91 tcgaatgcaa ccgaagcagg tcgtgctcaa aatcgccgtg ttgagctgat gattttagca      660
92 ccgcagggta tg                                          672
94 <210> SEQ ID NO: 4
95 <211> LENGTH: 224
96 <212> TYPE: PRT
97 <213> ORGANISM: Moraxella catarrhalis
99 <400> SEQUENCE: 4
100 Met Lys Ile Lys Ala Leu Gly Val Val Leu Leu Ala Ser Ser Met Ala
101 1      5      10      15
102 Leu Ala Gly Cys Ala Asn Thr Gly Thr Thr Gly Asn Gly Thr Gly Phe
103      20      25      30
104 Gly Gly Ala Asn Val Asn Lys Ala Val Ile Gly Ala Val Ala Gly Ala
105      35      40      45
106 Leu Gly Gly Thr Ala Ile Ser Lys Ala Thr Gly Gly Glu Lys Thr Gly
107      50      55      60
108 Arg Asp Ala Ile Leu Gly Ala Ala Val Gly Ala Ala Ala Gly Ala Tyr
109 65      70      75      80
110 Met Glu Arg Gln Ala Lys Gln Ile Glu Gln Gln Met Gln Gly Thr Gly
111      85      90      95
112 Val Thr Val Thr His Asp Thr Asp Thr Gly Asn Ile Asn Leu Thr Met

```

RAW SEQUENCE LISTING

DATE: 01/14/2002

PATENT APPLICATION: US/10/018,561

TIME: 11:52:34

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\01142002\J018561.raw

```

113          100          105          110
114 Pro Gly Asn Ile Thr Phe Ala His Asp Asp Asp Thr Leu Asn Ser Ala
115          115          120          125
116 Phe Leu Gly Arg Leu Asn Gln Leu Ala Asn Thr Met Asn Gln Tyr His
117          130          135          140
118 Glu Thr Thr Ile Val Ile Val Gly His Thr Asp Ser Thr Gly Gln Ala
119 145          150          155          160
120 Ala Tyr Asn Gln Glu Leu Ser Glu Arg Arg Ala Asp Ser Val Arg Tyr
121          165          170          175
122 Tyr Leu Ile Asn Gln Gly Val Asp Pro Tyr Arg Ile Gln Thr Val Gly
123          180          185          190
124 Tyr Gly Met Arg Gln Pro Ile Ala Ser Asn Ala Thr Glu Ala Gly Arg
125          195          200          205
126 Ala Gln Asn Arg Arg Val Glu Leu Met Ile Leu Ala Pro Gln Gly Met
127          210          215          220
129 <210> SEQ ID NO: 5
130 <211> LENGTH: 40
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Primer
137 <400> SEQUENCE: 5
138 aggcagaggg aattcatgaa aattaaagca ttgggtgttg          40
140 <210> SEQ ID NO: 6
141 <211> LENGTH: 62
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Primer
148 <400> SEQUENCE: 6
149 aggcagaggg tcgacttaat ggtgatggtg atggtgcata ccctgcggtg ctaaaatcat          60
150 ca          62

```

205040-TEST-040503

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/018,561

DATE: 01/14/2002

TIME: 11:52:35

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\01142002\J018561.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

205040-19531001